

Receipt date: 10/03/2005

10/551580

Attorney Docket No. 677/44187  
PATENT

OCT 3 2005  
JC12 Rec'd PCT/PTC 03 OCT 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wilfried MACKEL et al. Conf. No.: Not yet assigned  
Serial No.: National Stage of Application No. Art Unit: Not yet assigned  
PCT/EP04/002482  
Filed: Concurrently Herewith Examiner: Not yet assigned  
For: FILTERING DEVICE

**SUBMISSION UNDER 37 C.F.R. §1.56, §1.97 & §1.98**  
**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Barnes & Thornburg Customer No:

**23646**

U.S. Patent and Trademark Office

Sir:

To comply with the duty of disclosure set forth in 37 C.F.R. §1.56, the prior art listed on the attached PTO-1449 is submitted herewith to the Examiner for consideration in connection with the examination of the above-identified application.

Documents AP, AQ and AR are cited in the International Search Report.

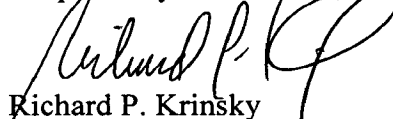
Document AA (U.S. 6,558,545 corresponds to document AP (DE 100 19 747).

Document AB (U.S. 2003/155292) corresponds to document AQ (WO 02/07478).

Document AC (U.S. 6,808,634) corresponds to document AR (WO 00/47312).

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 02-1010 (677/44187).

Respectfully submitted,



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Enclosures: PTO-1449 Form  
7 references

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET No. 677/44187	SERIAL No. 10/551580 Not yet assigned
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT WILFRIED MACKEL ET AL.	
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.L./				FILING DATE CONCURRENTLY HEREWITH	GROUP NOT YET ASSIGNED

## U.S. PATENT and PATENT APPLICATION DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,558,545 B1	05/06/2003	BLÄSE ET AL.			
	AB	2003/0155292 A1	08/21/2003	ZEGG ET AL.			
	AC	6,808,634 B1	10/26/2004	ZEGG			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AP	DE 100 19 674 A1	10/31/2001	GERMANY				ABS.
	AQ	WO 02/07478 A2 and A3	01/24/2002	WIPO				ABS.
	AR	WO 00/47312 A1	08/17/2000	WIPO				ABS.
	AS							
	AT							
	AU							
	AV							

## OTHER PRIOR ART (Including Author, Title, Date Pertinent Pages, Etc.)

	AW	Patent Abstract of Japan No. 06099041, Published Date 04/12/1994, Masami, "Rotary Type Membrane Separation Device"
	AX	
	AY	
	AZ	

EXAMINER: /Thomas Lithgow/

DATE CONSIDERED: 09/26/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.